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Environmental Protection Agency
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Washington, DC 20460
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24th Annual Conference on Analysis of Pollutants in the Environment

May 8-10, 2001
Renaissance Portsmouth Hotel
Portsmouth, Virginia U.S.A.

IMPORTANT INFORMATION:

Discounted Hotel Room Rates - Reservations By **APRIL 18**
Conference and Workshop Pre-registrations By **APRIL 18**
Conference Reception Reservations By **APRIL 18**
US Airways Reservations/**MARCH 4 - APRIL 30**
<http://www.battelle.org/conferences/pollutants>

Jointly sponsored by Battelle and
the United States Environmental Protection Agency.

Key Highlights

The 24th Annual Conference on Analysis of Pollutants in the Environment is jointly sponsored by **Battelle** and the **United States Environmental Protection Agency** (EPA). This conference continues to be recognized as the leading forum for discussion of technical issues related to environmental water regulations and compliance monitoring. This year, the conference program will include technical presentations on the mornings of May 8 and 9, followed by afternoon workshops on "Hands-on" Sampling for Trace Metals and Whole Effluent Toxicity (WET). A Detection/Quantitation workshop will be held on the morning of May 10. Presentation topics include microbiologicals, organics, sample preservation and holding times, and sediment characterization. Representatives from the EPA's Office of Water will present the most recent developments in technology for use in your laboratory. Presenters also include State and independent laboratory experts and Federal and State regulatory personnel in the environmental measurements field. Question and answer sessions will follow each presentation.

Specifically designed for environmental professionals from—

- Commercial environmental laboratories
- Regulated industries
- State and Federal regulatory agencies
- Consulting and contracting firms
- Municipal water & wastewater laboratories
- Laboratory equipment manufacturers

Program Schedule

Monday, May 7

4:00 p.m. – 6:00 p.m. Early Registration Check-in

Tuesday, May 8

7:30 a.m. – 2:00 p.m. Registration Check-in
8:45 a.m. – 12 Noon Conference Presentations
1:30 p.m. – 5:00 p.m. "Hands-on" Workshop and Demo for Sampling Trace Metals, Including Mercury
5:30 p.m. – 7:30 p.m. Conference Reception

Wednesday, May 9

7:30 a.m. – 2:00 p.m. Registration Check-in
8:45 a.m. – 11:45 a.m. Conference Presentations
1:00 p.m. – 5:00 p.m. Whole Effluent Toxicity (WET) Workshop
1:30 p.m. – 5:00 p.m. "Hands-on" Demo for Sampling Trace Metals

Thursday, May 10

7:30 a.m. – 10:00 a.m. Registration Check-in
8:30 a.m. – 12 Noon Detection/Quantitation Workshop

Jointly sponsored by:



Technical Program

Tuesday, May 8, 2001

WELCOME AND STATUS OF OFFICE OF WATER ACTIVITIES

8:45 a.m. **Welcome**
Robert G. Beimer, Battelle-Duxbury Operations
9:00 a.m. **Opening Remarks**
William Telliard, U.S. EPA Office of Science & Technology, Engineering and Analysis Division
9:15 a.m. **Office of Water Activities**
James Hanlon, Deputy Director, U.S. EPA Office of Science & Technology

PERFORMANCE-BASED MEASUREMENTS

9:45 a.m. **Implementation of Performance-based Measurements by the Environmental Laboratory Advisory Board within the National Environmental Laboratory Accreditation Conference**
Harry I. Gearhart, DuPont
10:15 a.m. Break

TRACE METALS

10:30 a.m. **Water Column Complexation and Speciation of Copper, Zinc, and Cadmium and Their Benthic Fluxes in the Elizabeth River, Virginia**
John R. Donat and David J. Burdige, Old Dominion University
11:00 a.m. **A Comparison of Modified EPA Method 245.6 (CVAA) and EPA Method 1631B, Attachment 1 (CVAF) for Determination of Mercury in Tissue**
Brenda Lasorsa, MaryAnn Deuth, and Eric Crecelius, Battelle - Marine Sciences Laboratory
11:30 a.m. **Effects of Bottle Material (Glass or Teflon) and Sample Holding Time on Determination of Mercury at Low Part-per-trillion Levels Using EPA Method 1631**
Beverly H. van Buuren, Nicolas S. Bloom, and Philip I. Kilner, Frontier Geosciences
12:00 p.m. Lunch

WORKSHOP

1:30 p.m. **"Hands-on" Workshop for Sampling Trace Metals, Including Mercury**
U.S. EPA Office of Science & Technology Staff and DynCorp Information & Enterprise Technology Staff
Presentations and a training video will be followed by a "hands-on" demo.
3:00 p.m. **"Hands-on" Demo for Sampling Trace Metals, Including Mercury**

Workshop participants will collect an aqueous sample using the "clean hands/ dirty hands" technique and an operational continuous-flow sampler as described in EPA's trace metals methods. Please bring appropriate clothing and be prepared to get dirty. Participants will be divided into groups of 12 for the 30 minute "hands-on" demo. The demo sessions will continue on Wednesday, May 9 from 1:30 p.m. until 5:00 p.m. Participants registering for May 8 sessions only, will be accommodated in a "hands-on" demo session on this date.

5:30–7:30 p.m. **Conference Reception**

Wednesday, May 9, 2001

MICROBIOLOGICALS

8:45 a.m. **Validation of Methods for *Cryptosporidium*, *Giardia*, Coliphages, Aeromonas, and Salmonella to Support Regulations for Water and Biosolids**
Kevin Connell, Misty Pope, Jennifer Scheller, and Jessica Pulz, DynCorp Information & Enterprise Technology

Technical Program

Wednesday, May 9, 2001 — Continued

9:15 a.m.	New Methods for Protozoa in Wastewater Jennifer Clancy, CEC
MICROBIOLOGICALS	
9:45 a.m.	The Influence of Extended Sample Holding Times on Fecal Coliform Bacteria Counts Donald H. Smith, Roger E. Stewart, II; and Deborah C. Paul; Virginia Department of Environmental Quality
10:00 a.m.	Break
ORGANICS	
10:15 a.m.	High Resolution Mass Spectrometry Method for Determination of Organo-chlorine and Organo-phosphate Pesticides in Water at the Part-per-quadrillion Level Brian Fowler, Steve Kennedy, and Coreen Hamilton, Axys Analytical Services
10:45 a.m.	Field Analyses for Rapid Sediment Characterization: XRF for Metal Contaminants, UVF and Immunoassays for Organic Contaminants, and QwikSed as a Screening Bioassay J. Leather, D. Lapota, V. Kirtay, G. Rosen, J. Guerrero, B. Ayers, and S. Apitz, Space and Naval Warfare Systems Center
NEW DEVELOPMENTS	
11:15 a.m.	Determination of Perfluorooctanyl Sulfinates at Trace Levels in Water Kristen J. Hansen, Lisa A. Dick, and Harold O. Johnson, 3M
11:45 a.m.	Lunch
CONCURRENT WORKSHOPS	
1:00 p.m.	Whole Effluent Toxicity (WET) Testing Workshop U.S. EPA Office of Science & Technology Staff and DynCorp Information & Enterprise Technology Staff
The whole effluent toxicity (WET) workshop will address recent developments in WET testing, including overviews of new EPA guidance documents and the results of EPA's WET Interlaboratory Variability Studies. The workshop also will present perspectives on the WET program from State and Regional permitting authorities, commercial laboratories, and permittees.	
1:30 p.m.	“Hands-on” Demo for Sampling Trace Metals, Including Mercury U.S. EPA Office of Science & Technology Staff and DynCorp Information & Enterprise Technology Staff
5:00 p.m.	Adjourn
Thursday, May 10, 2001	
WORKSHOP	
8:30 a.m.	Detection/Quantitation Workshop U.S. EPA Office of Science & Technology Staff
This workshop will address alternate approaches to detection and quantitation. Speakers will include representatives from EPA, <i>Standard Methods</i> , the Association of Official Analytical Chemists (AOAC International), and the American Society for Testing and Materials (ASTM).	
12:00 p.m.	Adjourn

For more information on the workshops, contact Marion Kelly by e-mail at kelly.marion@epa.gov or by fax to 202/260-7185

Hotel/Travel Information

Hotel Information

The Renaissance Portsmouth Hotel
425 Water Street
Portsmouth, VA 23704
757-673-3000

You may make reservations directly with the hotel by calling 757-673-3000. Please ask for Reservations, identify the group block as the **24th Annual Conference**, and specify Government or Non-government reservations. The group rates quoted below will be available until **April 18, 2001 at 5:00 p.m.** Reservations made after April 18 will be subject to availability and room rate increases. All reservation requests must be accompanied by a first night's room deposit, or guaranteed with a major credit card.

	<u>Single Occupancy</u>
*Government/Academia Room Rate:	\$109.00
Non-government Room Rate:	\$119.00

Federal, State, and Local government guests will be required to present a government-issued, picture identification to receive the quoted government room rate. Academia guests requesting the discounted rate will be required to provide a picture identification issued by the sponsoring institution. Guest room rates are subject to the current tax rate of 11%.* Each additional person occupying a room will increase the room rate an additional \$20.00 plus tax. Hotel **check-in time is **4:00 p.m.**; **check-out time** is prior to **12 Noon**. **Cancellation Policy:** All cancellations must be received 72 hours prior to arrival to avoid cancellation penalty. Any reservation canceled within 72 hours of arrival will be charged a penalty of one night's room rate. **Parking:** Parking is available in the City of Portsmouth's Water Street Parking Garage connected to Hotel. Self-parking is \$5.00 per day and valet parking is \$8.00 per day for registered hotel guests.

Transportation

By Air — US Airways is the official carrier to Norfolk International Airport for the *24th Annual Conference on Analysis of Pollutants in the Environment*. To obtain an airfare discount, you or your professional travel consultant must call **US Airways Group and Meeting Reservation Office toll free at 877-874-7687**; 8:00 a.m. – 9:30 p.m., Eastern Time; and refer to **Gold File Number 77681827**. To receive discounted and zone fares, reservations must be made between March 4 and April 30. **Airport to Hotel Transportation** — Groome Transportation provides shuttle service from the airport to the Renaissance Portsmouth Hotel. The current rate is \$15.00 one way, per passenger.

By Train — The City of Newport News (Norfolk) is served by Amtrak (800-USA-RAIL or 800-872-7245). Daily service to Newport News (Norfolk) is available from Boston, New York, Philadelphia, and Washington, DC. The Amtrak station is conveniently located at 9304 Warwick Blvd, Newport News, VA, approximately 30 minutes from Portsmouth.

Local Transportation — The Elizabeth River Ferry provides transportation between Portsmouth and Norfolk's Waterside Plaza daily from 7:00 a.m. to 10:00 p.m. The adult fare is \$.75 per trip across the harbor. All of Portsmouth's Olde Town establishments are within walking distance of the Renaissance Portsmouth Hotel.

Registration Information

Registration fees must be paid by April 18, 2001. Registration forms must be accompanied by payment. Prices quoted are in U.S. dollars and must be paid in U.S. dollars. Registrations received after April 18, 2001 will be charged a \$25 late fee.

	<u>Registration Fees</u>
Full Conference (All conference and workshop sessions)	\$300.00
One Day (Same day conference and workshop sessions)	\$150.00
One Workshop (Fee per workshop session)	\$150.00
Late Fee (Registrations received after April 18)	\$ 25.00
Conference Reception	*No Fee

*A conference reception fee will not be charged for registered conference participants. All other guests will be charged a \$25 fee for this event. A continental breakfast is included in the registration fee and will be available during registration hours each morning.

Conference Reception

Tuesday, May 8, 5:30 p.m.

Battelle invites all conference participants to take part in the conference reception at the hotel. This will be a great opportunity to meet with your colleagues in a social setting. For additional information about this event, please contact Chantal Keleher at 781-952-5303, or via email, keleherc@battelle.org.

Payment Information

Payment in U.S. currency must accompany the registration form. VISA, MasterCard, American Express, and company or personal checks will be accepted. Please make checks payable to Battelle. Purchase orders will not be accepted.

Cancellations

Conference cancellations must be received by April 18, 2001. No refunds will be issued after this date. A 25% service fee will be charged on all cancellations. Transportation and hotel reservations cancellations are the responsibility of the registered individual.

How to Register

Register Online: <http://www.battelle.org/conferences/pollutants>

Fax your registration form today with your credit card information.

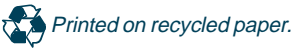
Fax Number: 781-934-7462

Mail this form with your payment to:
Address: 24th Annual Conference
Battelle
397 Washington St.
Duxbury, MA 02332

Registration Questions?

Contact Chantal Keleher at 781-952-5303, or via email, keleherc@battelle.org

All registrations will be confirmed in writing by e-mail or fax. If you do not have an e-mail address or a fax number, you may call 781-952-5303 to confirm receipt of your registration.



24th Annual Conference Registration Form

Please print or type the information requested.

Name			
Name for Badge			
Title			
Organization			
Address			
City	State	Zip	
Country			
Telephone	FAX No.		
E-mail address			

Check the appropriate session box. If you check the One Day or Workshop Session box, please be sure to indicate which session you will attend under these listings.

<input type="checkbox"/> Full Conference (All conference/workshop sessions and reception)	\$	300
<input type="checkbox"/> One Day (One day conference and workshop sessions)	\$	150
<input type="checkbox"/> Tuesday, 5/08 or <input type="checkbox"/> Wednesday, 5/09		
<input type="checkbox"/> Workshop Sessions (\$150 per session)	(#)_____ x \$	150
<input type="checkbox"/> Tuesday, 5/08, "Hands-on" Workshop & Demo for Sampling Trace Metals, Including Mercury ("Hands-on" demo sessions will follow the workshop on May 8 and 9.)		
<input type="checkbox"/> Wednesday, 5/09, Whole Effluent Toxicity Workshop		
<input type="checkbox"/> Thursday, 5/10, Detection/Quantitation Workshop		
<input type="checkbox"/> Late Registration Fee (Registrations after 4/18/01)	\$	25
<input type="checkbox"/> Conference Reception Guests – \$25/pp	(#)_____ x \$	25
TOTAL	\$	

FORM OF PAYMENT: ☐ Check Enclosed (*Payable to Battelle*)

☐ VISA ☐ American Express ☐ MasterCard

Credit Card Number _____ Exp. Date _____

Card Holder's Name _____

Signature _____

TOTAL \$ _____

SPACE IS LIMITED – REGISTER EARLY!

Please indicate how you heard about the conference:

- ☐ Brochure
☐ Technical Journal
☐ Internet Announcement
☐ Colleague/Friend
☐ Attended Previous Conference
☐ Other _____

Fax or mail this form by April 18, 2001, to:

Fax Number: 781-934-7462

Mail To: 24th Annual Conference
Battelle
397 Washington St.
Duxbury, MA 02332

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